

```

CombustAll - 9
Testingflag = 0
CToggleSwitch5.Visible = False
CellTestingSw.Visible = False
CToggleSwitch4.Visible = False
SetLimitsFlag = 0
TimeOutFlag = 0
DigitOutNumericText.InputText = 15
CellTimer.Enabled = False
TankTimer.Enabled = False
CombustAll.Timer4 = True
CombustAll.Timer6 = True
CombustAll.Height = 4141
CombustAll.Width = 11835
CellDischargeWaitTimer.Enabled = False
CellWaitFlag = 0
CellPurgeLed.Value = False
TankPurgeLed.Value = False
WatchDogFlag = 0
Rs232Flag = 0
Call MSOpenCom
AlarmMsgLabel.Caption = fill
CellRecordFlag = 0
TempRecordFlag = 0
TankRecordFlag = 0
' DigitalBitOut1.BitNumber = 0
' DigitalBitOut1.BitValue = True
' DigitalBitOut1.BitNumber = 1
' DigitalBitOut1.BitValue = True
' DigitalBitOut1.BitNumber = 2
' DigitalBitOut1.BitValue = True
' DigitalBitOut1.BitNumber = 3
' DigitalBitOut1.BitValue = True
' DigitalBitOut1.BitNumber = 0
End Sub

Private Sub Form_QueryUnload(Cancel As Integer, UnloadMode As Integer)
' SoftWIRE
' IMPORTANT - The following lines of QueryUnload code were added by SoftWIRE.
' Do not remove them or the program will not run correctly.
Dim Form As Form
Dim Count As Integer
On Error Resume Next
Count = 0
For Each Form In Forms
If Form.Visible Then
Count = Count + 1
End If
Next Form
If Count > 1 Then
Cancel = True

```

```
Me.Hide  
Else  
For Each Form In Forms  
    Unload Form  
Next Form  
End If  
End Sub
```

```

CombustAll - 14
CombustAll.Height = 4110
CombustAll.Width = 11835
CellTestingSw.Value = False
CToggleSwitch4.Value = False
CToggleSwitch5.Value = False
End If
End Sub
Private Sub StartStopButtonC1ick()
DigitOutNumericText.InputText = 1.`
CToggleSwitch1.Value = False
CToggleSwitch2.Value = False
CToggleSwitch3.Value = False
If StartStopFlag = 0 Then
StartStopFlag = 1
StartStopButton.Caption = "&Stop"
CToggleSwitch1.Visible = True
CToggleSwitch2.Visible = True
CToggleSwitch3.Visible = True
CellTimeLabel.Caption = 0
TankTimeLabel.Caption = 0
EndButton.Visible = False
SingleCellCharge.Caption = 0
AlarmMsgLabel.Caption = will
Call DateTimeStampDataFiles
Else
StartStopFlag = 0
StartStopButton.Caption = "&Start"
CToggleSwitch1.Visible = False
CToggleSwitch2.Visible = False
CToggleSwitch3.Visible = False
TankTimer.Enabled = False
CellTimer.Enabled = False
EndButton.Visible = True
Call SaveAllDataFilesOnExit
End If
End Sub
Private Sub StartStopButton RunBlock() 'Add your custom code here
End Sub
Private Sub TankDataButton Click()
TankrecordFlag = 1
TankTrackingDataForm.Show
Do
Reponse = DoEvents
Loop Until TankrecordFlag = 0
End Sub
Private Sub TankHiLimit DataFalse()
TankPurgeLed.Caption = "Emptying"
End Sub
Private Sub TankHiLimit DataTrue()

```

TankPurgeLed.Caption = "Full"

Call AddLbsTotankData

```

CombustAll - 15
End Sub
Private Sub TankHiLimit RunBlock(
If StartStopFlag = 1 Then
    CToggleSwitch2.Value = False
    TankControlFlag = 1
    CToggleSwitch3.Value = True
End If
End Sub
Private Sub TankPurgeLed_RunBlock( 'Add your custom code here
End Sub
Private Sub TankTimeLabel_RunBlock( 'Add your custom code here
End Sub
Private Sub TankTimer Timer(
Z = TankTimeLabel.Caption
Z = Z + 1
TankTimeLabel.Caption = Z
End Sub
Private Sub TempDataButton Click(
TemprecordFlag = 1
TempTrackingForm.Show
Do
    Reponse = DoEvents
Loop Until TemprecordFlag = 0
End Sub
Private Sub TempSelect_RunBlock( 'Add your custom code here
End Sub
Private Sub TestButton Click(
Else
'Disable Vaccum Pump
'Indicate full
'Turn on Injector
Testingflag = 0 Then
    Testingflag = 1
    CToggleSwitch5.Visible = True
    CellTestingSw.Visible = True
    CToggleSwitch4.Visible = True
    CToggleSwitch5.Enabled = True
    CellTestingSw.Enabled = True
    CToggleSwitch4.Enabled = True
    TestButton.Caption = "Testing"
    On Error GoTo TestAlarm
    CombustAll.Height = 8120
    CombustAll.Width = 11835
    Testingflag = 0
    CToggleSwitch5.Visible = False
    CellTestingSw.Visible = False
    CToggleSwitch4.Visible = False
    TestButton.Caption = "Test"
    CToggleSwitch5.Value = False

```

CombustAll - 16

```
CellTestingSw.Value = False
CToggleSwitch4.Value = False
TestButton.Caption = "Test"
CombustAll.Height = 4110
CombustAll.Width = 11835
CellTestingSw.Value = False
CToggleSwitch4.Value = False
CToggleSwitch5.Value = False
```

End If

Exit Sub

TestAlarm:

```
Response = MsgBox("Moving Window alarm", vbCritical, "Test Button")
```

End Sub

Private Sub TestButton_RunBlock()

'Add your custom code here

End Sub

Private Sub Timer5_RunBlock()

'Add your custom code here

X = MSComm1.InputLen

Rs232RxData.Caption = MSComm1.Input

End Sub

Private Sub ViewCellChargingButton Click()

CellRecordFlag = 1

CellChargeTime.Show

Do

```
Reponse = DoEvents
```

Loop Until CellRecordFlag = 0

End Sub

Private Sub WatchDogTimer RunBlock() 'Add your custom code here

End Sub

Private Sub WatchDogTimer StatusReady()

```
DigitalBitOut1.BitNumber = 0
```

```
If WatchDogFlag = 0 Then
```

```
WatchDogFlag = 1
```

```
DigitalBitOut1.BitValue = True
```

```
WatchDogLed.Value = False
```

```
Else
```

```
WatchDogFlag = 0
```

```
DigitalBitOut1.BitValue = False
```

```
WatchDogLed.Value = True
```

```
End If
```

End Sub

Public Sub MSOpenCom()

' Open MScom if not opened already

On Error GoTo alarm

If MSComm1.PortOpen = False Then

```
MSComm1 . CommPort = 1
```

```
MSComm1.PortOpen = True
```

CombustAll - 17

SampleCOMDataTimer.TimerEnabled = True

End If

GoTo Bypass

alarm:

Response = MsgBox("failure (" & Err.Number & ") & (" & Err.Description & 11)11, vbCritic~
enCom")

'SampleCOMDataTimer.TimerEnabled = False

AbortFlag = 1

Bypass:

End Sub

Public Sub UpdateCellData()

S\$ = CellChargeTime.CellChargeTimeTxt.Text S\$ = S\$ & SingleCellCharge.Caption & 11,11

CellChargeTime.CellChargeTimeTxt.Text = S\$ S\$ = TempTrackingForm.TempTrackingDataTxt.Text S\$ = S\$ &
TempINLevel.InputText & "," TempTrackingForm.TempTrackingDataTxt.Text = S\$

End Sub

Public Sub UpDateTankData()

S\$ = TankTrackingDataForm.TankTrackingdataTxt.Text S\$ = S\$ & TankTimeLabel.Caption & ","

TankTrackingDataForm.TankTrackingdataTxt.Text = S\$

End Sub

Public Sub UpDateTime()

DateTimeLabel.Caption = Date & " " & Time

End Sub

Public Sub DateTimeStampDataFiles()

Const ForReading = 1, ForWriting = 2, ForAppending = 8 Const TristateFalse = 0 Dim fs, f CrLf\$ = Chr\$(13) &
Chr\$(10)

' Time stamp temp File

File\$ = "C:\FillingStationFiles\FillingStationTemp.txt"

Set fs = CreateObject("Scripting.FileSystemObject")

Set f = fs.OpenTextFile(File\$, ForAppending, TristateFalse)

S\$ = "[" & DateTimeLabel.Caption & "]Started" & CrLf\$

f.Write S\$

TempTrackingForm.TempTrackingDataTxt = 1111

f.Close

' time stamp cell file

File\$ = "C:\FillingStationFiles\FillingStationCell.txt"

Set fs = CreateObject("Scripting.FileSystemObject")

Set f = fs.OpenTextFile(File\$, ForAppending, TristateFalse)

S\$ = "[" & DateTimeLabel.Caption & "]Started" & CrLf\$

f.Write S\$

CellChargeTime.CellChargeTimeTxt = 1111

f.Close

' time stamp Tank file

File\$ = "C:\FillingStationFiles\FillingStationTank.txt"

Set fs = CreateObject("Scripting.FileSystemObject")

Set f = fs.OpenTextFile(File\$, ForAppending, TristateFalse)

S\$ = "[" & DateTimeLabel.Caption & "]Started" & CrLf\$

```

CellChargeTime - 1
MLS Hydroxyl Filling Station (MLS-HFS)
Copyright 2001-2004 by Stephen F. Meyer, All rights reserved
Private Sub CellChargeReturnButton Click(
CombustAll.CellRecordFlag = 0
Me.Hide
End Sub
Private Sub Command1 Click(
End Sub
Private Sub Data1 Validate (Action As Integer, Save As Integer)
End Sub
Private Sub C1earButton Click(
CellChargeTimeTxt = ""
End Sub
Private Sub Form Load(
' SoftWIRE
' IMPORTANT - The following lines of Load code were added by SoftWIRE.
' Do not remove them or the program will not run correctly.
Load CombustAll
'Load Ce1lChargeTime
Load TempTrackingForm
Load TankTrackingDataForm
'Wire1.Initialize
End Sub
Private Sub Form QueryUnload(Cancel As Integer, UnloadMode As Integer)
SoftWIRE IMPORTANT - The following lines of QueryUnload code were added by SoftWIRE.
Dim Form As Form
Dim Count As Integer
On Error Resume Next
Count = 0
For Each Form In Forms
If Form.Visible Then
Count = Count + 1
End If
Next Form
If Count > 1 Then
Cancel = True
Me.Hide
Else
For Each Form In Forms
Unload Form
Next Form
Do not remove them or the program will not run correctly.

```



```

CellChargeTime - 2
End If
End Sub
Public Sub OpenFillingStationTextFile()
Const ForReading = 1, ForWriting = 2, ForAppending = 8 Const TristateFalse = 0 Dim fs, f File$ =
"C:\FillingStationFiles\FillingStationCell.txt" Set fs = CreateObject("Scripting.FileSystemObject") Set f =
fs.OpenTextFile(File$, ForAppending, TristateFalse) S$ = CellChargeTimeTxt.Text f.Write S$ f.Close
CellChargeTimeTxt = ""
End Sub
Private Sub ReadCellFileButton Click()
Call ReadCellFileData
End Sub
Private Sub SaveButton Click()
Call OpenFillingStationTextFile
End Sub
Public Sub ReadCellFileData()
Const ForReading = 1, ForWriting = 2, ForAppending = 8 Const TristateFalse = 0 Dim fs, f, is CrLf = Chr$(13) &
Chr$(10) ' Read Cell Data File File$ = "C:\FillingstationFiles\FillingStationCell.txt" Set fs =
CreateObject("Scripting.FileSystemObject") Set f = fs.OpenTextFile(File$, ForReading, TristateFalse) On Error GoTo
Finish S$ = f.ReadLine Do S$ = S$ & CrLf & f.ReadLine Loop Finish: CellChargeTimeTxt.Text = S$ f.Close
End Sub

```

CombustAll - 18

```
f.Write S$
TankTrackingDataForm.TankTrackingdataTxt = ""
f.Close
End Sub
Public Sub AddLbsTotankData()
' Const ForReading = 1, ForWriting = 2, ForAppending = 8
' Const TristateFalse = 0
' Dim fs, f
' CrLf$ = Chr$(13) & Chr$(10)
' time stamp Tank file
' File$ = "C:\FillingStationFiles\FillingStationTank.txt"
' Set fs = CreateObject("Scripting.FileSystemObject")
' Set f = fs.OpenTextFile(File$, ForAppending, TristateFalse)
' S$ = "[" & NumericText3.InputText & "Psi]"
' f.Write S$
' f.Close
D$ = TankTrackingDataForm.TankTrackingdataTxt.Text
D$ = D$ & S$
TankTrackingDataForm.TankTrackingdataTxt.Text = D$
End Sub
Public Sub SaveAllDataFilesOnExit()
Const ForReading = 1, ForWriting = 2, ForAppending = 8
Const TristateFalse = 0
Dim fs, f
CrLf$ = Chr$(13) & Chr$(10)
' Save temp File
Z$ = TempTrackingForm.TempTrackingDataTxt.Text
If Z$ = "" Then
GoTo Bypass1
End If
File$ = "C:\FillingStationFiles\FillingStationTemp.txt"
Set fs = CreateObject("Scripting.FileSystemObject")
Set f = fs.OpenTextFile(File$, ForAppending, TristateFalse)
S$ = TempTrackingForm.TempTrackingDataTxt.Text & CrLf$
f.Write S$
S$ = "[" & DateTimeLabel.Caption & "]STOPPED" & CrLf$
f.Write S$
TempTrackingForm.TempTrackingDataTxt = ""
f.Close
'Call
Bypass1:
' Save cell file
Z$ = CellChargeTime.CellChargeTimeTxt.Text
If Z$ = "" Then
GoTo Bypass2
End If
File$ = "C:\FillingStationFiles\FillingStationCell.txt"
Set fs = CreateObject("Scripting.FileSystemObject")
Set f = fs.OpenTextFile(File$, ForAppending, TristateFalse)
```

```
S$ = CellChargeTime.CellChargeTimeTxt.Text & CrLf$  
f.Write S$  
S$ = "[" & DateTimeLabel.Caption & "]STOPPED" & CrLf$  
f.Write S$  
CellChargeTime.CellChargeTimeTxt.Text = ""  
f.Close  
Bypass2:  
' Save Tank file
```

CombustAll - 19

Z\$ = TankTrackingDataForm.TankTrackingdataTxt.Text

If Z\$ = "" Then

GoTo Bypass3

End If

File\$ = "C:\FillingStationFiles\FillingStationTank.txt"

Set fs = CreateObject("Scripting.FileSystemObject")

Set f = fs.OpenTextFile(File\$, ForAppending, TristateFalse)

S\$ = TankTrackingDataForm.TankTrackingdataTxt.Text & CrLf\$

f.Write S\$

S\$ = "[" & DateTimeLabel.Caption & "]STOPPED" & CrLf\$

f.Write S\$

TankTrackingDataForm.TankTrackingdataTxt.Text = ""

f.Close

Bypass3:

End Sub

TankTrackingDataForm - 1

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Private Sub Command1 Click(

Call OpenFillingStationtankFile

End Sub

Private Sub C1earButton Click(

TankTrackingdataTxt = 1111

End Sub

Private Sub Form Load(

' SoftWIRE

' IMPORTANT - The following lines of Load code were added by SoftWIRE.

' Do not remove them or the program will not run correctly.

Load CombustAll

Load Ce1IChargeTime

Load TempTrackingForm

'Load TankTrackingDataForm

'Wire1.Initialize

End Sub

Private Sub Form QueryUnload(Cancel As Integer, UnloadMode As Integer)

' SoftWIRE

' IMPORTANT - The following lines of QueryUnload code were added by SoftWIRE.

' Do not remove them or the program will not run correctly.

Dim Form As Form

Dim Count As Integer

On Error Resume Next

Count = 0

For Each Form In Forms

If Form.Visible Then

Count = Count + 1

End If

Next Form

If Count > 1 Then

Cancel = True

Me.Hide

Else

For Each Form In Forms

Unload Form

Next Form

End If

End Sub

Private Sub ReadButton Click(

TankTrackingDataForm - 2

Call ReadTankFileData

End Sub

Private Sub SaveButton Click()

Call OpenFillingStationtankFile

End Sub

Private Sub TankReturnButton Click()

CombustAll.TankrecordFlag = 0 Me.Hide

End Sub

Public Sub OpenFillingStationtankFile()

Const ForReading = 1, ForWriting = 2, ForAppending = 8 Const TristateFalse = 0 Dim fs, f

File\$ = "C:\FillingStationFiles\FillingStationTank.txt" Set fs = CreateObject("Scripting.FileSystemObject") Set f = fs.OpenTextFile(File\$, ForAppending, TristateFalse) S\$ = TankTrackingdataTxt.Text f.Write S\$ f.Close

TankTrackingdataTxt.Text = ""

End Sub

Public Sub ReadTankFileData()

Const ForReading = 1, ForWriting = 2, ForAppending = 8 Const TristateFalse = 0 Dim fs, f, is CrLf = Chr\$(13) & Chr\$(10) ' Read Tank Data File File\$ = "C:\FillingStationFiles\FillingStationTank.txt" Set fs =

CreateObject("Scripting.FileSystemObject") Set f = fs.OpenTextFile(File\$, ForReading, TristateFalse) On Error GoTo Finish S\$ = f.ReadLine Do S\$ = S\$ & CrLf & f.ReadLine Loop Finish: TankTrackingdataTxt.Text = S\$ f.Close

End Sub

CombustAll - 1 File:CombustAllP1

' Program MLS Hydroxyl Filling Station (MLS-HFS) ' Copyright 2001-2004 by Stephen F. Meyer d.b.a. Appli-Tech, All rights Reserved

Dim CellControlFlag As Integer

Dim StartStopFlag As Integer

Dim TankControlFlag As Integer

Dim TempControlFlag As Integer

Dim Testingflag As Integer

Dim SetLimitsFlag As Integer

Dim TimeOutFlag As Integer

Dim CellWaitFlag As Integer

Dim WatchDogFlag As Integer

Dim Rs232Flag As Integer

Dim WorkingString As String

Public CellRecordFlag As Integer

Public TemprecordFlag As Integer

Public TankrecordFlag As Integer

Private Sub AlternatorLabel_RunBlock()

'Add your custom code here

End Sub

Private Sub A1tLed_RunBlock()

'Add your custom code here

End Sub

Private Sub AnalogIn1_RunBlock()

'Add your custom code here

End Sub

Private Sub AnalogIn2_RunBlock()

'Add your custom code here

End Sub

Private Sub AnalogIn5_RunBlock()

'Add your custom code here

End Sub

Private Sub CBarMeter1_RunBlock()

'Add your custom code here

End Sub

Private Sub CBarMeter2_RunBlock()

'Add your custom code here

End Sub

Private Sub CBGreaterThant1 DataGreaterThant()

If TankPurgeLed.Value = True Then

TankPurgeLed.Caption = "Filling"

TankPurgeLed.Value = False

End If

End Sub

Private Sub CBGreaterThant1_RunBlock() 'Add your custom code here

End Sub

CombustAll - 2

```
Private Sub CBGreaterThan2 DataGreaterThan()  
If InjectorPressLed.Value = True Then  
    InjectorPressLed.Caption = "Low Pres"  
    InjectorPressLed.Value = False  
End If  
End Sub  
Private Sub CBGreaterThan2_RunBlock() 'Add your custom code here  
End Sub  
Private Sub CBGreaterThan3 DataGreaterThan()  
ALTOverVoltageLed.Value = True  
End Sub  
Private Sub CBGreaterThan3_RunBlock() 'Add your custom code here  
End Sub  
Private Sub CBLessThan1 DataLessThan()  
X = CBLessThan1.InputX  
If X = 0 Then  
    CellPurgeLed.ColorOn = &HFFFFFF  
    CellPurgeLed.Caption = "Open"  
Else  
    CellPurgeLed.ColorOn = &HCOFFFF  
    CellPurgeLed.Caption = "lily"  
End If  
CellPurgeLed.Value = True  
End Sub  
Private Sub CBLessThan1_RunBlock() 'Add your custom code here  
End Sub  
Private Sub CBLessThan2 DataLessThan()  
X = CBLessThan2.InputX  
If X = 0 Then  
    TankPurgeLed.ColorOn = &HFFFFFF  
    TankPurgeLed.Caption = "Open"  
Else  
    TankPurgeLed.ColorOn = &HCOFFFF  
    TankPurgeLed.Caption = "lily"  
End If  
TankPurgeLed.Value = True  
End Sub  
Private Sub CBLessThan2_RunBlock() 'Add your custom code here  
End Sub  
Private Sub CBLessThan3 DataLessThan()  
X = CBLessThan3.InputX  
If X = 0 Then
```


CombustAll - 3

InjectorPressLed.ColorOn = &HFFFFFF

InjectorPressLed.Caption = "Open"

Else

InjectorPressLed.ColorOn = &HCOFFFF

InjectorPressLed.Caption = ""

End If

InjectorPressLed.Value = True

End Sub

Private Sub CBLessThan3_RunBlock() 'Add your custom code here

End Sub

Private Sub CBLessThan5 DataLessThan()

ALTOverVoltageLed.Value = False

End Sub

Private Sub CBLessThan5_RunBlock() 'Add your custom code here

End Sub

Private Sub CBMultiply2 RunBlock() 'Add your custom code here

End Sub

Private Sub CBMultiply3 RunBlock() 'Add your custom code here

End Sub

Private Sub CBMultiply4 RunBlock() 'Add your custom code here

End Sub

Private Sub CBMultiply5TRunBlock() 'Add your custom code here

End Sub

Private Sub CBMuxI_RunBlock() 'Add your custom code here

End Sub

Private Sub CBOri_RunBlock() 'Add your custom code here End Sub

Private Sub ConstantI_RunBlock() 'Add your custom code here

End Sub

Private Sub Ce11CBarMeterI_RunBlock() 'Add your custom code here

End Sub

Private Sub CelldischargeWaitTimerTimero

```

CombustAll - 4
CellWaitFlag = 1
End Sub
Private Sub CellinputLevel_RunBlock() 'Add your custom code here
End Sub
Private Sub CellPurageLed RunBlock()
'Add your custom code here
End Sub
Private Sub CellSelectNumber_RunBlock() 'Add your custom code here
End Sub
Private Sub CellTestingSw RunBlock()
'Add your custom code here
End Sub
Private Sub CellTestingSw ToggleStateChanged(ByVal bNewState As Boolean)
If bNewState = True Then
    CellSelectNumber.InputText = 0
    CSlider4.Visible = True
Else
    CellSelectNumber.InputText = 1
    CSlider4.Visible = False
End If
End Sub
Private Sub CommandButton1 Click()
End Sub
Private Sub CellTimer Timer()
X = CellTimeLabel.Caption
X = X + 1
CellTimeLabel.Caption = X
X SingleCellCharge.Caption
X = X + 1
SingleCellCharge.Caption = X
End Sub
Private Sub CellTimeTimer_RunBlock() 'Add your custom code here
End Sub
Private Sub C1earTimeButton Click()
CellTimeLabel.Caption = 0
TankTimeLabel.Caption = 0
SingleCellCharge.Caption = 0
End Sub
Private Sub CLed3 RunBlock()
If StartStopFlag = 1 Then

```

```

TempTrackingForm - 2
Call OpenFillingStationTempFile
End Sub
Private Sub TempReturnButton Click()
CombustAll.TemprecordFlag = 0 Me.Hide
End Sub
Public Sub OpenFillingStationTempFile()
Const ForReading = 1, ForWriting = 2, ForAppending = 8 Const TristateFalse = 0 Dim fs, f
File$ = "C:\FillingStationFiles\FillingStationTemp.txt" Set fs = CreateObject("Scripting.FileSystemObject") Set f =
fs.OpenTextFile(File$, ForAppending, TristateFalse) S$ = TempTrackingDataTxt.Text f.Write S$ f.Close
TempTrackingDataTxt.Text = ""
End Sub
Public Sub ReadTempDataFile()
Const ForReading = 1, ForWriting = 2, ForAppending = 8 Const TristateFalse = 0 Dim fs, f, is CrLf = Chr$(13) &
Chr$(10) ' Read Temp Data File File$ = "C:\FillingStationFiles\FillingStationTemp.txt" Set fs =
CreateObject("Scripting.FileSystemObject") Set f = fs.OpenTextFile(File$, ForReading, TristateFalse) On Error GoTo
Finish S$ = f.ReadLine Do S$ = S$ & CrLf & f.ReadLine Loop Finish: TempTrackingDataTxt.Text = S$ f.Close
End Sub

```

CombustAll - 5

```
If CLed3.Value = False Then
    CToggleSwitch2.Value = False 'Turn off Vacuum
    CToggleSwitch1.Value = False 'turn off Alt
    CToggleSwitch3.Value = False 'turn off Inject
    TempControlFlag = 1
    AlarmMsgLabel.Caption = "Over Temp Shutdown"
' Respons = MsgBox("Over Temp Shutdown", vbCritical, "Temp Hi Limit")
Else
    TempControlFlag = 0
    AlarmMsgLabel.Caption = fill
End If
End If
End Sub
Private Sub CLed5 Click()
End Sub
Private Sub CLed5_RunBlock()
'Add your custom code here
End Sub
Private Sub C1ockTimer Timer()
Call UpDateTime
End Sub
Private Sub CSlider6_RunBlock()
'Add your custom code here
End Sub
Private Sub CSlider7_RunBlock()
'Add your custom code here
End Sub
Private Sub CSlider9_RunBlock()
'Add your custom code here
End Sub
Private Sub CToggleSwitch1.ToggleStateChanged(ByVal bNewState As Boolean)
If StartStopFlag = 1 Then
    If TempControlFlag = 1 Then
        CToggleSwitch1.Value = False
        CToggleSwitch3.Value = False
        CellTimer.Enabled = False
        AlarmMsgLabel.Caption = "Hi Temp Over Limit trip"
        'Response = MsgBox("Hi Temp Over Limit trip", vbCritical, "Turn On Alt Sw")
        GoTo Bypass
    End If
    X = DigitOutNumericText.InputText
    If bNewState = True Then
        If HiCelled.Value = False Then
            AlarmMsgLabel.Caption = ""
            If X And 1 Then
                X = X - 1
            End If
            DigitOutNumericText.InputText = X
        End If
        If X And 8 Then
```

$X = X - 8$

DigitOutNumericText.InputText = X

CombustAll - 10

```
Private Sub Labe13_RunBlock() 'Add your custom code here
```

```
End Sub
```

```
Private Sub Labe15_Change()
```

```
End Sub
```

```
Private Sub Label1_Change()
```

```
End Sub
```

```
Private Sub HiCelled_DataFalse()
```

```
CellPurageLed.Caption = "Emptying"
```

```
End Sub
```

```
Private Sub HiCelled_DataTrue()
```

```
CellPurageLed.Caption = "Full"
```

```
End Sub
```

```
Private Sub HiCelled_RunBlock()
```

```
If StartStopFlag = 1 Then
```

```
If CToggleSwitch1.Value = True Then
```

```
    X = DigitOutNumericText.InputText
```

```
    If HiCelled.Value = False Then
```

```
        If X And 2 Then
```

```
            X = X - 2
```

```
        DigitOutNumericText.InputText = X
```

```
        CellControlFlag = 1
```

```
        CToggleSwitch2.Value = True
```

```
        CToggleSwitch1.Value = False
```

```
        CellTimer.Enabled = False
```

```
        Call UPdateCellData
```

```
    End If
```

```
End If
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub InjectorShap_Change()
```

```
End Sub
```

```
Private Sub HiTankSelect_RunBlock() 'Add your custom code here
```

```
End Sub
```

```
Private Sub InjectAnalogLevel_RunBlock() 'Add your custom code here
```

```
End Sub
```

```
Private Sub InjectOffLed-DataFalse()
```

```
InjectorPressLed.Caption = "Enabled" InjectorPressLed.Value = False X = DigitOutNumericText.InputText If X And 4  
Then
```

CombustAll - 7

If bNewState = True Then

If InjectOffLed.Value = False Then If X And 4 Then X = X - 4 DigitOutNumericText.InputText = X End If

End If

Else

X = X Or 4

DigitOutNumericText.InputText = X

End If

End If

End Sub

Private Sub CToggleSwitch4 RunBlock() 'Add your custom code here

End Sub

Private Sub CToggleSwitch4 ToggleStateChanged(ByVal bNewState As Boolean)

If bNewState = True Then

HiTankSelect.InputText = 0

TankGainAdjust.Visible = True

Else

HiTankSelect.InputText = 1

TankGainAdjust.Visible = False

End If

End Sub

Private Sub CToggleSwitch5 RunBlock() 'Add your custom code here

End Sub

Private Sub CToggleSwitch5 ToggleStateChanged(ByVal bNewState As Boolean)

If bNewState = True Then

TempSelect.InputText = 0

CSlider8.Visible = True

Else

If Rs232Flag = 0 Then

TempSelect.InputText = 1

Else

TempSelect.InputText = 2

End If

CSlider8.Visible = False

End If

End Sub

Private Sub DigitalOut2_RunBlock() 'Add your custom code here

' If WatchDogFlag = 1 Then

' DigitalOut2.Port = cbFirstPortA

' DigitalOut2.Value = 0

' WatchDogFlag = 0

' Else

' DigitalOut2.Port = cbFirstPortA

' DigitalOut2.Value = 1

' WatchDogFlag = 1

' End If

End Sub

```

CombustAll - 8
Private Sub DegFValue_RunBlock()
'Add your custom code here
End Sub
Private Sub DigitalBitOutI RunBlock()
'Add your custom code here
End Sub
Private Sub DigitOutNumericText RunBlock()
'Add your custom code here
End Sub
Private Sub DoLoopI RunBlock()
'Add your custom code here
End Sub
Private Sub EndButton Click()
CToggleSwitch1.Value = False
CToggleSwitch2.Value = False
CToggleSwitch3.Value = False
CToggleSwitch1.Visible = False
CToggleSwitch2.Visible = False
CToggleSwitch3.Visible = False
TimeOutFlag = 1
EXITimer.Enabled = True
Do
    Response = DoEvents
Loop Until TimeOutFlag = 0
WatchDogFlag = 0
End
End Sub
Private Sub EXITimer Timer()
TimeOutFlag = 0
End Sub
Private Sub Form Load()
'#####Lo adBegin
' SoftWIRE
' IMPORTANT - The following lines of Load code were added by SoftWIRE.
' Do not remove them or the program will not run correctly.
Load CombustAll
Load CellChargeTime
Load TempTrackingForm
Load TankTrackingDataForm
WireI.Initialize
'##### LoadEnd
CellControlFlag = 0
StartStopFlag = 0
CToggleSwitch1.Visible = False
CToggleSwitch2.Visible = False
CToggleSwitch3.Visible = False
TankControlFlag = 0
TempControlFlag = 0

```


CombustAll - 12

```
' Do
' Response = DoEvents()
' Loop Until CellWaitFlag = 1
' CelldischargeWaitTimer.Enabled = False
CellControlFlag = 0
End If
Else
SingleCellCharge.Caption = 0
CellTimer.Enabled = True
If Lowcelled.Value = True Then
CellPurgeLed.Caption = ""
Cell2urageLed.Value = False 'turn off Cell Purge
End If
End If
End If
End Sub
Private Sub LowTankLimitLed DataFalse()
TankPurgeLed.Caption = "Filling"
End Sub
Private Sub LowTankLimitLed DataTrue()
TankPurgeLed.Caption = "Emptying"
End Sub
Private Sub LowTankLimitLed RunBlock()
If StartStopFlag = 1 Then
If LowTankLimitLed.Value = True Then 'abovt Limit
TankControlFlag = 0
'CToggleSwitch2.Value = True 'Enable Vaccum Sw
'TankTimer.Enabled = True
'TankTimeLabel.Caption = 0
Else
If Lowcelled.Value = False Then 'Cell Abovt Lower Limit?
CToggleSwitch2.Value = True 'Enable Vaccum Sw
TankTimeLabel.Caption = 0 'Clear Timer
TankTimer.Enabled = True 'Enable tank timer
Else
TankTimer.Enabled = False 'STop timing
End If
End If
CToggleSwitch3.Value = False 'Disable Injector
End If
End Sub
Private Sub NumericText4 Click()
End Sub
Private Sub SampleCOMDataTimer RunBlock()
'Add your custom code here
End Sub
Private Sub SampleCOMDataTimer_StatusReady()
If Rs232Flag = 1 Then
MSComml.Output = Chr$(13)
```

X = MComml.InBufferCount

S\$ = MComml.Input

CombustAll - 8

```
Private Sub DegFValue_RunBlock()
'Add your custom code here
End Sub
Private Sub DigitalBitOutI RunBlock()
'Add your custom code here
End Sub
Private Sub DigitOutNumericText RunBlock()
'Add your custom code here
End Sub
Private Sub DoLoopI RunBlock()
'Add your custom code here
End Sub
Private Sub EndButton Click()
CToggleSwitch1.Value = False CToggleSwitch2.Value = False CToggleSwitch3.Value = False CToggleSwitch1.Visible
= False CToggleSwitch2.Visible = False CToggleSwitch3.Visible = False
TimeOutFlag = 1 ExitTimer.Enabled = True Do
Response = DoEvents Loop Until TimeOutFlag = 0 WatchDogFlag = 0 End
End Sub
Private Sub ExitTimer Timer()
TimeOutFlag = 0
End Sub
Private Sub Form Load()
'#####Lo adBegin
' SoftWIRE
' IMPORTANT - The following lines of Load code were added by SoftWIRE.
' Do not remove them or the program will not run correctly.
Load CombustAll
Load CellChargeTime
Load TempTrackingForm
Load TankTrackingDataForm
WireI.Initialize
'##### LoadEnd
CellControlFlag = 0 StartStopFlag = 0 CToggleSwitch1.Visible = False CToggleSwitch2.Visible = False
CToggleSwitch3.Visible = False TankControlFlag = 0 TempControlFlag = 0
```